

**Career Development Model for MOS 98K Signals Collection/Identification Analyst**

Block A: Rank	PVT-SPC Skill Level 10	SGT Skill Level 20	SSG Skill Level 30	SFC Skill Level 40	MSG Skill Level 50	SGM Skill Level 50
Block B:  Developmental Duty Assignments (See notes 1& 2)	Sig Coll/ID Analyst		Sig Coll/ID SGT Squad Leader Mission Manager  <			

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<b>Block E:</b>  <b>Recommended MOS-Related Courses</b> (See note 5)	<b>Skill Level 10-20</b> 1. CIM Course 2. Computer Security 3. Math for SIGINT 4. Signal Processing Math 5. Short duration Signals Recognition 6. Properties of Signals 7. Digital Communications 8. Cellular Communications 9. Fundamentals of Tech ELINT 10. Geography	<b>Skill Level 30</b> 1. Cryptologic Skills for NCOs (CK 155) 2. Counter-SIGINT Ops 3. SIGINT Reporting 4. Techniques in Signal Identification 5. U.S. Army Doctrine 6. The Intel Community and Customer Support 7. Collection/Analysis Skills Enhancement	<b>Skill Level 40</b> 1. Collection Management 2. Database Management 3. Information Operations 4. Senior Enlisted Cryptologic Course (CY200) 5. Advanced Signal Processing 6. Non-SIGINT Collection Disciplines	<b>Skill Level 10-50</b> 1. International Studies 2. Foreign Relations 3. TRADOC Middle Mgr Course
<b>Block F:</b>  <b>ASI Producing Courses</b> (See Note 5)	1. Information Systems Security Monitor (2G) 2. Advanced Senior Analysis (K2) 3. Intermediate Analysis (M7) 4. Battle Staff Operations Course (2S)			
<b>Block G:</b>  <b>Recommended MOS-Related Certification or Degree Program</b> (See note 6)	AA/AS or equivalent by the 12th year of service. BA/BS by the 16th year in Foreign/International Studies, Political Science, Information Management Joint Military Intelligence College (JMIC): Undergraduate/Post Graduate Intelligence Program (UGIP/PGIP) and MSSI NSA Professional Analyst Program NSA Adjunct Faculty Middle Enlisted Career Advancement Program (MECCAP) Military COMINT Signals Analysis Program (MCSAP)			
<b>Block H:</b>  <b>Notes</b>	1. This MOS currently has few, if any, authorizations at Echelon Corps and Below (ECB). Special Operations Activities at EAC provide some non-traditional MI job opportunities for 98K. 2. Primary emphasis should be on acquiring experience in collection and analysis for skill level 10/20 soldiers. 3. Courses in these areas can be found in the Army Correspondence Course program (ACCP), BSEP, and in local colleges/ universities. 4. These courses are available through ACCP, NCS/NSA, and JMIC/JMITC catalogs. 5. Some duty positions require Additional Skill Identifiers (ASI). These ASI and prerequisites can be found in DA Pam 611-21. 6. The CMF-related certification and degree programs are provided as recommendations only. Soldiers should not feel they are restricted to those subject areas. Individuals should check with the Education Center for AARTS Program conversion of military schools and experiences to college credits.			

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## Block I:

## Recommended Reference and Reading List

### Military Publications:

FM 24-33 *Communications Techniques: ECCM*  
FM 22-100 *Military Leadership*  
FM 25-101 *Battle Focused Training*  
FM 34 Series, Intelligence Operations Manuals  
FM 100-6 *Information Operations*  
AR 611-6 *Army Linguist Management*  
DA Pam 611-21 *MOCS* (see annual NOFC)  
AR 600-200 *Enlisted Personnel Management System*  
NGB 600-200 *Enlisted Personnel Management*  
Joint Intelligence Publications: 1 through 2-2

### Web Sites:

USAISC&FH--<http://huachuca-usaisc.army.mil>  
Center for Army Lessons Learned--<http://call.army.mil>  
U.S. Army Publishing Agency Homepage-- <http://www.usapa.army.mil>  
Training and Doctrine Digital Library--<http://www.adtdl.army.mil/atdls.html>  
Joint Publication Library--<http://www.dtic.mil/doctrine/jel/intelligence.htm>  
USASMA--<http://usasma.bliss.army.mil>

### General Reading and Resources:

The field of communications changes very rapidly. It is impossible to provide a comprehensive listing of resources that would keep you up to date on all issues relevant to this MOS. However, the following are available through the local library and/or online:

- INSCOM Journal for the Military Intelligence Professional*; INSCOM, QTRLY
- Military Intelligence Professional Bulletin (MIPB)*, USAIC&FH Qtrly Pub.
- Foreign Affairs* (bi-monthly publication by the Council on Foreign Relations, Inc.) [Recognized and respected research source]
- The Economist* ([www.economist.com](http://www.economist.com) or hard copy) [Weekly international financial magazine, UK; recognized and respected research source]
- American Radio Relay League publishes a monthly magazine called QST that contains information about radio signal propagation. You can find more information by mailing to ARRL, 225 Main St, Newington, CT 06111.
- Electronic Intelligence: The Analysis of Radar Signals (Radar Library)-Richard G. Wiley
- The Lessons of Modern War, Volume IV: The Gulf War
- From the Shadows, Robert M. Gates (1996, Simon&Schuster)
- Medal of Honor, A Vietnam Warrior's Story, MSG R. Benevidez (ret) (1996, Brassey's)
- The Art of War, Sun Tzu (various pubs)
- The Reluctant Sheriff, Richard Haass (1996)
- PERSCOM Homepage ([www-PERSCOM.army.mil](http://www-PERSCOM.army.mil))
- Office of the Chief, Military Intelligence (OCMI) ([huachuca-usaic.army.mil/OCMI/index.html](http://huachuca-usaic.army.mil/OCMI/index.html)) [MI Proponent Homepage]
- State Department ([www.state.gov/www/regions.html](http://www.state.gov/www/regions.html))

## APPENDIX

Acronym	Title
1SG	First Sergeant
AA	Associate of Arts
AC	Active Component
ACCP	Army Correspondence Course Program
ACE	Analysis and Control Element
ACT	Analysis Control Team
Acty	Activity
AEPDS	Advance Electronic Processing Dissemination System
AIT	Advance Individual Training
ANCOC	Advance Noncommissioned Officer Course
Anl	Analyst
ARL	Airborne Reconnaissance Low
AS	Associate Science Degree
ASAS	All Source Analysis System
ASI	Additional Skill Identifier
Asst	Assistant
BA	Baccalaureate Degree
BCT	Basic Combat Training
BDA	Battle Damage Assessment
Bde	Brigade
Bn	Battalion
BNCOC	Basic Noncommissioned Officer Course
BS	Bachelor of Science
BSEP	Basic Skills Education Program
BSI	Bachelor of Science in Intelligence
CAT	Category
CBT	Computer Based Training
Cbt	Combat
CFSO	Counterintelligence Force Protection Source Operations
CGS	Common Ground Station
Ch	Chief
CI	CounterIntelligence
CIM	Crypto Interface Module
CMF	Career Management Field
Coll	Collection
COMINT	Communications Intelligence
CLP	Common Language Program
Cmdt	Commandant
Crs	Course
Crypt	Cryptologic
C-SIGINT Ops	Counter-SIGINT Operations
Det SGT	Detachment Sergeant
Dev	Developer

DF	Direction Finder
DLI	Defense Language Institute
DLPT	Defense Language Proficiency Test
DTRA	Defense Threat Readiness Agency
DS	Direct Support
EAC	Echelon Above Corps
EACIC	Echelon Above Corps Intelligence Center
ECB	Echelon Corps and Below
ECCM	Electronic Counter-Countermeasures
ELINT	Electronic Intelligence
EO	Equal Opportunity
EP	External Pilot
FISINT	Foreign instrumentation signals intelligence
GRCS	Guardrail Common Sensor
Grp	Group
GSR	Ground Surveillance Radar
GSS	Ground Surveillance System
HNS	Host Nation Support
HUMINT	Human Intelligence
ICT	Integrated Concept Team
ID	Identification
IEEE	Institute of Electrical and Electronics Engineers
IET	Individual Entry Training
IEW	Intelligence and Electronic Warfare
IEW	Intelligence & Electronic Warfare
IMINT	Imagery Intelligence
Instr	Instructor
Intel	Intelligence
IPB	Intelligence Preparation of the Battlefield
IPDS	Imagery Processing and Dissemination System Course
I-REMBASS	Improved Remotely Monitor Battlefield Sensor System
JCMT	Joint Collection Management Tools
JMIC	Joint Military Intelligence College
JMITC	Joint Military Intelligence Training Center
JSTARS	Joint Surveillance Target Attack Radar System
Lang	Language
Ldr	Leader
MASINT	Measurement and Signature Intelligence
MCSAP	Military COMINT Signals Analysis Program
MECCAP	Middle enlisted Career Advancement Program
Mgt	Management
MI	Military Intelligence
MIES	Modernized Imagery Exploitation System
Min	Minimum
MINSAP	Military Intern SIGINT Analyst Program
MOCS	Military Occupational Classification and Structure

MSG	Master Sergeant
MSSI	Masters of Science in Strategic Intelligence
NGB	National Guard Bureau
NCO	Noncommissioned Officer
NCOA	Noncommissioned Officer Academy
NCOES	Noncommissioned Officer Education System
NCOIC	Noncommissioned Officer in charge
NCS	National Cryptologic School
NIMA	National Imagery and Mapping Agency
NIS	National Input Segment Course
NOFC	Notification of Future Changes
NSA	National Security Agency
OCMI	Office of the Chief, Military Intelligence
OJT	On-Job-Training
OPELINT	Operational ELINT
Ops	Operations
PFC	Private First Class
PGIP	Postgraduate Intelligence Program
PLDC	Primary Leadership Development Course
Plt	Platoon
PVT	Private
R & D	Research & Development
R & S	Reconnaissance and Surveillance
RC	Reserve Component
Sect	Section
SF	Special Forces
SFC	Sergeant First Class
SGM	Sergeant Major
SGT	Sergeant
Sig	Signals
SIGINT	Signals Intelligence
Sm	Small
SMC	Sergeants Major Course
SOT-A	Special Operations Team
SPC	Specialist
Spec	Special
Spectrum RISC	Spectrum Radiology Information System Consortium
SQI	Special Qualification Identifier
Sr	Senior
SSG	Staff Sergeant
Strat	Strategic
Sys	System
TACELINT	Tactical Electronic Intelligence
Tech	Technical
TENCAP	Tactical Exploitation of National Capabilities
TES	Tactical Exploitation System

Tgt	Target
Tm	Team
Tng	Training
TRAC	Tactical Radar Correlator Course
TROJAN SPIRIT	TROJAN Special Purpose Integrated Remoted Intelligence Terminal
TSCM	Technical Surveillance Counter Measures
TUAV	Tactical UAV
UAV	Unmanned Aerial Vehicle
UGIP	Undergraduate Intelligence Program
UNIX	Uniplexed Information and Computer Systems
USAIC&FH	United States Army Intelligence Center & Fort Huachuca
USASMA	U.S. Army Sergeants Major Academy
Wtr	Writer
WHCA	White House Communications Agency